

Sub  
B/C  
control

All of the above references are incorporated herein by reference.

In the Claims:

Please cancel claims 1-24. Please add new claims 25-61. All pending claims are reproduced below, including those that remain unchanged.

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25. An electro-kinetic air transporter-conditioner system comprising:  
an upstanding, elongated housing with an air inlet vent and an air outlet vent;  
an ion generating unit positioned in said housing, said ion generating unit having a plurality of pin-ring  
electrode configurations located one above the other; and  
each of said pin-ring electrode configurations including a first pin electrode that is directed toward  
a second ring electrode.

26. The system of claim 25 wherein each said pin-ring electrode configuration includes said first  
pin electrode that is pointed.

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SubFI  
cont

~~27.~~ The system of claim ~~25~~ wherein each said pin-ring electrode configuration includes said first pin electrode that is triangle-shaped.

~~28.~~ The system of claim ~~25~~ including a user control that can do at least one of (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

~~29.~~ The system of claim ~~25~~ including user controls that can (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

~~30.~~ The system of claim ~~28~~ wherein the pulse mode control can initiate a burst of output ozone.

~~31.~~ The system of claim ~~29~~ wherein the pulse mode control can initiate a burst of output ozone.

~~32.~~ The system of claim ~~25~~ wherein said housing has elongated recesses.

~~33.~~ The system of claim ~~25~~ wherein said ion generating unit includes a high voltage pulse generator.

~~34.~~ The system of claim ~~25~~ wherein said air inlet vent is covered with horizontal louvers and said air outlet vent is covered with horizontal louvers.

Sub E2 → 35. The system of claim 25 including a user control located on said top of said housing.

Sub F1  
cont. → 36. The system of claim 25 wherein said first pin electrodes are located adjacent the air inlet vent and the second ring electrodes are located adjacent the air outlet vent.

Sub E3 → 37. The system of claim 25 wherein said inlet vent and said exhaust vent are elongated along a length of said elongated housing.

Sub F1  
cont. → 38. The system of claim 25 wherein each of said first pin electrodes includes a plurality of conductive fibers.

Sub F1  
cont. → 39. The system of claim 25 wherein said housing has a cross-section in the shape of a figure eight.

Sub E4 → 40. The system of claim 25 wherein said air inlet vent and said air outlet vent have louvers that are directed across a direction of elongation of said housing.

41. The system of claim 25 wherein said second ring electrode has a skirt region surrounding an opening.

Sub F1  
cont. → 42. The system of claim 25 wherein said first pin electrode points in a downstream direction.

Sub F1  
cont. ~~43.~~ The system of claim ~~25~~ wherein when energized said ion generating unit causes air to flow in a downstream direction from said first pin electrode toward said second ring electrode.

Sub E3  
44. An electro-kinetic air transporter-conditioner system comprising:  
an upstanding, elongated housing with an air inlet vent and an air outlet vent;  
said inlet vent and said outlet vent being elongated along a length of said elongated housing;  
an ion generating unit positioned in said housing, said ion generating unit having a pin-ring electrode configuration; and  
the pin-ring electrode configuration including a first pin electrode that directed in a downstream direction toward a second ring electrode.

Sub F1  
Sub F2  
~~45.~~ The system of claim ~~44~~ wherein said first pin electrode that is pointed.

~~46.~~ The system of claim ~~44~~ wherein said first pin electrode that is triangle-shaped.

~~47.~~ The system of claim ~~44~~ including a user control that can do at least one of (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode operation.

~~48.~~ The system of claim ~~44~~ including user controls that can (1) cause the system to be energized, (2) control a duty cycle of the ion generating unit, (3) control a pulse mode

operation.

Sub F1  
cont.

~~49.~~ The system of claim ~~47~~ wherein the pulse mode control can initiate a burst of output ozone.

~~50.~~ The system of claim ~~48~~ wherein the pulse mode control can initiate a burst of output ozone.

~~51.~~ The system of claim ~~44~~ wherein said housing has elongated recesses.

~~52.~~ The system of claim ~~44~~ wherein said ion generating unit includes a high voltage pulse generator.

~~53.~~ The system of claim ~~44~~ wherein said air inlet vent is covered with horizontal louvers and said air outlet vent is covered with horizontal louvers.

~~54.~~ The system of claim ~~44~~ including a user control located on said top of said housing.

~~55.~~ The system of claim ~~44~~ wherein said first pin electrode is located adjacent the air inlet vent and the second ring electrode is located adjacent the air outlet vent.

~~56.~~ The system of claim ~~44~~ wherein said housing has a cross-section in the shape of a figure eight.

Sub F1  
cont.

Sub E7

57. The system of claim 44 wherein said air inlet vent and said air outlet vent have louvers that are directed across a direction of elongation of said housing.

58. The system of claim 44 wherein said second ring electrode has a skirt region surrounding an opening.

Sub F1  
cont.

59. The system of claim 44 wherein when energized said ion generating unit causes air to flow in the downstream direction from said first pin electrode toward said second ring electrode.

60. The system of claim 44 wherein said first pin electrode includes a plurality of conductive fibers.

61. An electro-kinetic air transporter-conditioner system comprising:  
an upstanding, elongated housing with a top and an air inlet vent and an air outlet vent;  
said air inlet vent is elongate along a direction of elongation of said housing;  
said air outlet vent is elongate along the direction of elongation of said housing;  
an ion generating unit positioned in said housing, said ion generating unit having a plurality of pin-ring electrode configurations located one above the other in an elongated manner; and  
a user operated control located on the top of said housing.